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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/976,212	10/12/2001	Bidyut Parruck	AZA-003-2D/2001-P005	1144
293	7590	11/24/2006	EXAMINER	
Ralph A. Dowell of DOWELL & DOWELL P.C. 2111 Eisenhower Ave Suite 406 Alexandria, VA 22314				DUONG, DUC T
ART UNIT		PAPER NUMBER		
		2616		

DATE MAILED: 11/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/976,212	PARRUCK ET AL.	
	Examiner Duc T. Duong	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 22 September 2006.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 4,10-16,45,47-50,54 and 55 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) 4,10-16 and 45 is/are allowed.  
 6) Claim(s) 47-50,54 and 55 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|  | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

***Response to Amendment***

1. The indicated allowability of claims 47-50 are withdrawn in view of the newly discovered reference(s) to Kao et al (US Patent 6,535,513 B1). Rejections based on the newly cited reference(s) follow. The finality of the last office action is also withdrawn.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 47-50, 54, and 55 are rejected under 35 U.S.C. 102(e) as being anticipated by Kao et al (US Patent 6,535,513 B1).

Regarding to claims 47 and 48, Kao discloses an integrated circuit 206, comprising a first bus interface 306A; a second bus interface 306B; and means for 206

Art Unit: 2616

receiving both cell-protocol traffic and packet-protocol traffic in a payload memory 404-408 (fig. 4 col. 5 lines 14-18), and for outputting both the cell-protocol traffic and the packet-protocol traffic from the payload memory 404-408 via the second bus interface 306B (fig. 3 col. 4 lines 31-40), the means being operable in an ingress mode 302 wherein both the cell-protocol traffic and the packet-protocol traffic are output from the integrated circuit 206 to a switch fabric 208 via the second bus interface 306B (fig. 2-3 col. 4 lines 31-46), or an egress mode 304 wherein both the cell-protocol traffic and the packet-protocol traffic are received onto the integrated circuit 206 from a switch fabric 208 via the first bus interface 306A (fig. 2-3 col. 4 lines 31-46), wherein in the ingress mode 302 the cell-protocol traffic and the packet-protocol traffic are output from the second bus interface 306B in the form of switch cells (fig. 4 col. 5 lines 45-45-55), and wherein in the egress mode 304 the cell-protocol traffic and the packet-protocol traffic are received from the switch fabric 208 in the form of switch cells (fig. 5 col. 8 lines 57-65).

Regarding to claims 49 and 54, Kao discloses the means includes a segmentation engine 608, the segmentation engine being controlled to process the cell-protocol traffic in a first way and to process the packet-protocol traffic in a second way (fig. 6 col. 11 lines 54-67).

Regarding to claims 50 and 55, Kao discloses the means includes a reassembly engine 608, the reassembly engine being controlled to process the cell-protocol traffic in a first way and to process the packet-protocol traffic in a second way (fig. 6 col. 11 lines 54-67).

***Allowable Subject Matter***

4. Claims 4, 10-16, and 45 are allowed.

***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc T. Duong whose telephone number is 571-272-3122. The examiner can normally be reached on M-F (9:00 AM-6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy D. Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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DD



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